

## Certificate of Analysis

Date of Testing: 2023-02-09 21:24:56  
Date of Next Testing: 2027-02-08 21:24:56  
Product Name: **Carbon**  
CAS Number: 7440-44-0  
Specifications & Purity: 99.5%,30nm  
Lot #: B2307009  
SKU #: **C109965**  
**Analysis:** **172467**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Average particle size	20-40 (nm)	31.98 nm
Substances not precipitated by ammonia	≥100 (m2/g)	105.30 m2/g
Total Metallic Impuritie	0-5000 (ppm)	5000.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.50 %
Appearance (C109965)	Dark Grey to Black Powder	Dark Grey to Black Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager